

Title (en)
ANTENNA CIRCUIT AND MOBILE TERMINAL

Title (de)
ANTENNENKREISLAUF UND MOBILES ENDGERÄT

Title (fr)
CIRCUIT D'ANTENNE ET TERMINAL MOBILE

Publication
EP 3644441 B1 20221019 (EN)

Application
EP 18820854 A 20180521

Priority
• CN 201710481298 A 20170622
• CN 2018087637 W 20180521

Abstract (en)
[origin: EP3644441A1] The present disclosure provides an antenna circuit and a mobile terminal. The antenna circuit includes: an antenna unit; a switching circuit connection point and a feed point are arranged on the antenna unit; an antenna feed is connected with the feed point; a first tuning circuit is connected with the switching circuit connection point, the first tuning circuit is configured to increase a bandwidth of a single resonant mode in an intermediate-high frequency and/or to tune a resonant frequency in the intermediate-high frequency; wherein a distance from the feed point to the end of the antenna unit is larger than a distance from the switching circuit connection point to the end of the antenna unit.

IPC 8 full level
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EP4145632A4; US11870413B2

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ES 2930582 T3 20221219; US 11605888 B2 20230314; US 2021384626 A1 20211209; WO 2018233420 A1 20181227

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